IMAGE orbit 2009 179 (06/28) 17:42 UT to 2009 180 (06/29) 07:58 UT PCAP **OVAL** Q0/180 **CLEFT CUSP** 02 **PSPHERE** MSPHERE 6 6 20 04 Z(SM) Z(SM) 06 Э6 2 2 0 0 0 -2 1 0 4 3 2 1 **-1 –** 1 -3 Y(SM) X(SM)10 to MAGNETOPAUSE-BLUE, to PLASMAPAUSE-RED DISTANCE in RE 5 0 180 -5PE-BLACK, F_CE-RED, F_GEO-GREEN, F_MP-BL -2 Y(SM)1000 FREQ(kHz) 100 0 10 29:00 6.1 9.6 71.2 37.6 8.1 20:00 5.7 551.9 87.6 84.2 0.2 23:00 8.1 50.6 81.9 66.5 7.8 UT 17:00 RE 1.9 L 2.0 26:00 8.2 21.0 77.4 32:00 2 ILAT 44.9 MLAT 11.5 MLT 7.5 30.8 51.4 8.3 -3.1 19.2 3 0 -2 2 X(SM)

Mon Jul 17 14:04:59 2006